

Notice of Allowability

Application No.

10/681,277

Examiner

Sanh D. Phu

Applicant(s)

HAMAMURA ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 7/25/2007.
2. ☒ The allowed claim(s) is/are 11,12,16,17,20,27,41,42,44 and 46-59.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Sanh D. Phu
Primary Examiner

DETAILED ACTION

1. This Office Action is responsive to the Amendment filed on 7/25/07.

Accordingly, claims 11, 12, 16, 17, 20,27,41,42,44 and 46-59 are currently pending; and claims 1-10, 13-15, 18, 19,21-26, 28-40,43 and 45 are canceled.

REASONS FOR ALLOWANCE

2. Claims 11, 12, 16, 17, 20,27,41,42,44 and 46-59 are allowed.

3. The following is an examiner's statement of reasons for allowance:

-Regarding to independent claim 11, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a plurality of operation portions and a display portion arranged the rear surface of the cellular phone for used in the folded state wherein the plurality of operation portions are associated with features, in combinations, as follows: the operation modes of said cellular phone include a first mode and a second mode, in said first mode, an image taking portion is capable of shooting while said cellular phone is unfolded and

folded, said second display portion displays an image shot by said image taking portion as a view finder in the folded state, and said image taking portion is capable of shooting by an operation to a shutter button, in said second mode, each of said plurality of operation portions accepts operation instructions associated with playing of audio based on audio data stored in an audio data storage portion in the folded state; and said cellular phone further comprising an incoming call record storing portion for storing an-incoming call record records, wherein said operation portions display a first image on said second display portion based on a first incoming call record and said operation portion changes the image on the second display portion to a second image based on a second incoming call. It would not have been obvious for a person skilled in the art to implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

-Regarding to independent claim 12, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a plurality of operation portions and a

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display portion arranged the rear surface of the cellular phone for used in the folded state wherein the plurality of operation portions are associated with features, in combinations, as follows: operation modes of said cellular phone include a first mode and a second mode, in said first mode, said image taking portion is capable of shooting while said cellular phone is unfolded and folded, said second display portion displays an image shot by said image taking portion as a view finder in the folded state, and said image taking portion is capable of shooting by an operation to a shutter button, in said second mode, each of said plurality of operation portions accepts operation instructions associated with playing of audio based on an audio data stored in an audio data storage portion in the folded state, said cellular phone further comprising a control portion for displaying contents of a received mail on the second display portion, wherein said operation portions select and display contents of another received mail on the second display portion. It would not have been obvious for a person skilled in the art to implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

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-Regarding to independent claim 16, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a plurality of operation portions and a display portion arranged the rear surface of the cellular phone for used in the folded state wherein the plurality of operation portions are associated with features, in combinations, as follows: operation modes of said cellular phone include a first mode and a second mode, in said first mode, said image taking portion is capable of shooting while said cellular phone is unfolded and folded, said second display portion displays an image shot by a image taking portion as a view finder in the folded state, and said image taking portion is capable of shooting by an operation to a shutter button, in said second mode, each of said plurality of operation portions accepts operation instructions associated with playing of audio based on audio data stored in an audio data storage portion in the folded state; and wherein said operation portions include a menu item selecting portion and a control setting magnitude selecting portion. It would not have been obvious for a person skilled in the art to implement Kawasaki et

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a1 invention in view Okazaki for leading such the implementation to the
claimed invention.

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-Regarding to independent claim 17, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a plurality of operation portions and a display portion arranged the rear surface of the cellular phone for used in the folded state wherein the plurality of operation portions are associated with features, in combinations, as follows: that operation modes of said cellular phone include a first mode and a second mode, in said first mode, said image taking portion is capable of shooting while said cellular phone is unfolded and folded, said second display portion displays an image shot by an image taking portion as a view finder in the folded state, and said image taking portion is capable of shooting by an operation to a shutter button, in said second mode, each of said plurality of operation portions accepts operation instructions associated with playing of audio based on audio data stored in an audio data storage portion in the folded state; wherein said second display portion displays contents of a received mail, and said plurality of operation portions include a scroll button for longitudinally or laterally scrolling the contents of

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the mail displayed on said second display portion, and a selector button for selecting and displaying contents of another received mail on said second display portion. It would not have been obvious for a person skilled in the art to implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

-Regarding to independent claim 20, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a plurality of operation portions and a display portion arranged the rear surface of the cellular phone for used in the folded state wherein the plurality of operation portions are associated with features, in combinations, as follows: that operation modes of said cellular phone include a first mode and a second mode, in said first mode, said image taking portion is capable of shooting while said cellular phone is unfolded and folded, said second display portion displays an image shot by an image taking portion as a view finder in the folded state, and said image taking portion is capable of shooting by an operation to a shutter button, in said second mode, each of said plurality of operation portions accepts operation instructions associated with playing of audio based on audio data stored in an audio data storage portion in the folded state; wherein said second display portion visually displays a magnitude of a control setting, the magnitude being changeable by a user. It would not have been obvious for a person skilled in the art to

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implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

-Regarding to independent claim 27, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a coupling portion coupling a first body and a second body together and further comprises a plurality of operation portions, a first display portion located in the front surface of the first body and a display portion located in the rear surface of the second body for used in the folded state wherein the plurality of operation portions are associated with features, in combinations, as follows: operation modes of said cellular phone include a first mode and a second mode, in said first mode, said image taking portion is capable of shooting while said cellular phone is unfolded and folded, said second display portion displays an image shot by an image taking portion as a view finder in the folded state, and said image taking portion is capable of shooting by an operation to a shutter button, in said second mode, each of said plurality of operation portions accepts operation instructions associated with

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playing of audio based on audio data stored in an audio data storage portion in the folded state; wherein said image taking portion, said second display portion and said plurality of operation portions are arranged at the rear surface of said first body remote from said first display portion, and are located in this order starting from a position near said coupling portion in a direction away from said coupling portion. It would not have been obvious for a person skilled in the art to implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

-Regarding to independent claim 41, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a plurality of operation portions, an image taken portion and a display portion arranged the rear surface of the cellular phone for used in the folded state wherein in a first mode, said image

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taken portion is capable of shooting while said cellular phone is unfolded or folded, and said display portion displays an image shot by said image taken portion as a view finder in the folded states, and said image taken portion is capable of shooting by an operation of a shutter button; and in a second mode, each of said plurality of operation portions accepts operation instructions associated with playing of audio in the folded state wherein the cellular phone further comprises a detection portion for detecting operation of any of said plurality of operation portions, and a switching portion for switching between said first mode and said second mode based on detection by said detection portion. It would not have been obvious for a person skilled in the art to implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

-Regarding to independent claim 44, none of prior art of record teaches or suggests a cellular phone as claimed. Kawasaki et al in view Okazaki teaches the claimed cellular phone except that Kawasaki et al in view Okazaki fails to teach that the cellular phone comprises a an inversion processing portion to process image data based on the absence or presence of an inversion control signal to output the image data wherein said inversion processing portion performs a half turn of the input image data if said inversion processing portion receives said inversion control signal, and said inversion processing portion outputs the input image data without turning the image input data if said inversion processing portion does not receive said inversion control signal. It would not have been obvious for a person skilled in the art to implement Kawasaki et al invention in view Okazaki for leading such the implementation to the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanh D. Phu whose telephone number is (571)272-7857. The examiner can normally be reached on M-Fr from 8:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew D. Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sanh D Phu
Primary Examiner
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8/29/07
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